

Safety Topic of the Month

Walking/Working Surfaces



Richmond Refinery

December 1, 2011

Learning Objectives



- Learn from past incidents involving walking/working surfaces
- Understand how Richmond mitigates the hazards of deficient walking working surfaces



Walking Working Surface Incidents-Downstream



11/8/11 (recordable)-ee walking on uneven ground at night, twisted ankle (Hawaii)

11/1/11(restricted duty)-walkway plank gave way-CVX ee fell into trench (El Segundo)

10/20/11 (first aid)-ee up on staging platform, twists ankle on uneven surface (Richmond)

10/6/11 (first aid)-CVX ee tripped over temporary piping, scratched nose (Richmond)

9/22/11 (first aid)-CVX ee stepping over hose, ee knee struck valve hand wheel (Richmond)

9/15/11 (first aid)-ee slipped and fell-bruised tailbone (Richmond)

9/2/11 (first aid)-Contractor ee falls through rusted platform and scrapes knee (Hawaii)

Walking Working Surface Incidents-Downstream



8/26/11 (recordable)-CVX ee installing pressure gage, hydrocarbon on ground, lost footing (Richmond)

4/12/11 (DAFW)- CVX ee stepped on road marker base (without orange delineator) and rolled ankle and fell to knees (Richmond)

3/9/11(restricted duty)-Contractor ee falls over 3" fire hose, fractures both wrists (Pascagoula)

4/1/11 (first aid)-ee walks off uneven rear door exit, twists ankle (Hawaii)

2/12/09 (first aid)-ee using trolley to transport gas cylinders, welding rod stub pokes through sole of boot (Cape Town)

1/27/11 (first aid)- ee tripped on uneven asphalt at edge of gravel lot (Richmond)

Tools to Prevent Walking/Working Surface Injuries



- CVX Tools
 - LPSA (Assess, Analyze, Act), work request, housekeeping audits, eyes on path, green cards
- In Plant Tools
 - highlight paint, orange cones, granular absorbent (kitty litter), yellow caution tape, lighting, deny access
- Engineering Tools
 - Safety In Designs, light surveys



Questions



- Any lights that need a work order written?
- Any walkways that need a work request written?
- Do you know where to find green cards and who to give them to for processing?
 - Green cards available from Richmond Website (green card tab) or order through Forms Mgmt System on line (# MFG-7321)
 - Process green cards through Supv , TOP Office, or Richmond Website (green card tab)

Review TOP Lessons Learned



- Learning from our past incidents will help us prevent them in the future.
- Please take a few minutes to review the latest TOP lessons learned.

[Click Here to Review TOP Lessons Learned](#)